

| POSITION: | INITIALS | ID NO. | DATE |
|---------------------|----------|--------|------|
| FEE DETERMINATION | ST | | |
| O.I.P.E. CLASSIFIER | | | 4-20 |
| FORMALITY REVIEW | KS | 71702 | 4-29 |

INDEX OF CLAIMS

✓ Rejected
 = Allowed
 - (Through numeral) Canceled
 + Restricted
 N Non-elected
 I Interference
 A Appeal
 O Objected

| Claim | Date | | | | |
|-------|----------|------|------|------|------|
| Final | Original | 5-18 | 1-15 | 4-19 | 2-29 |
| 1 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 17 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 19 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 20 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 21 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 22 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 23 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 25 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 27 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 29 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 31 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 33 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 34 | ✓ | ✓ | ✓ | ✓ | ✓ |
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| 36 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 37 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 38 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 39 | ✓ | ✓ | ✓ | ✓ | ✓ |
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| 41 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 42 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 43 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 45 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 46 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 47 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 49 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

| Claim | Date | | | | |
|-------|----------|------|-------|------|----|
| Final | Original | 4-19 | 12-19 | 2-29 | 03 |
| 51 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 52 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 53 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 54 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 55 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 56 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 57 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 58 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 59 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 61 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 62 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 63 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 64 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 65 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 66 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 67 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 68 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 69 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 70 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 71 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 73 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 74 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 75 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 76 | ✓ | ✓ | ✓ | ✓ | ✓ |
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| 78 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 79 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 80 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 81 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 82 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 83 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 84 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 85 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 86 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 87 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 88 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 89 | ✓ | ✓ | ✓ | ✓ | ✓ |
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| 91 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 92 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 93 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 94 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 95 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 96 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 97 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 98 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 99 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 100 | ✓ | ✓ | ✓ | ✓ | ✓ |

| Claim | Date | | | | |
|-------|----------|-----|-----|-----|-----|
| Final | Original | 110 | 112 | 113 | 114 |
| 110 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 112 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 113 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 114 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 115 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 116 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 117 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 118 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 119 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 120 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 121 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 122 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 123 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 124 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 125 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 126 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 127 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 128 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 129 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 130 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 131 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 132 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 133 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 134 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 135 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 136 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 137 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 138 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 139 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 140 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 141 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 142 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 143 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 144 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 145 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 146 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 147 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 148 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 149 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 150 | ✓ | ✓ | ✓ | ✓ | ✓ |

If more than 150 claims or 10 actions
staple additional sheet here

(LEFT INSIDE)